

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| S1 | 90838 | \$2ethylacrylate or (\$2ethyl adj acrylate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:30 |
| S2 | 57665 | methylacrylate or (methyl adj acrylate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:09 |
| S3 | 9781 | n-butylmethacrylate or (n-butyl adj methacrylate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:11 |
| S4 | 5494 | S2 and S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:11 |
| S5 | 5489 | S1 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:12 |
| S6 | 297225 | methylstyrene or \$5butylstyrene or(vinyl adj chloride) or methacrylonitrile or (vinyl adj acetate) or vinylacetate or (vinyl adj formate) or vinylformate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:15 |
| S7 | 4910 | S5 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:18 |
| S8 | 2155 | imidazolidone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:18 |
| S9 | 11 | S7 and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 15:13 |
| S10 | 24140 | \$2ethylhexylacrylate or (\$2ethylhexyl adj acrylate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:31 |

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|-----|--------|---|---|----|-----|------------------|
| S11 | 17578 | S1 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:31 |
| S12 | 3644 | S11 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:32 |
| S13 | 3379 | S6 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:32 |
| S14 | 9 | S8 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 12:32 |
| S15 | 351210 | styrene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 15:14 |
| S16 | 351 | (526/318.44).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/14 15:14 |
| S17 | 180 | S15 and S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 15:16 |
| S18 | 24140 | \$2ethylhexylacrylate or (\$2ethylhexyl adj acrylate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 15:40 |
| S19 | 93 | S17 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 15:17 |
| S20 | 10595 | (\$2ethylhexylacrylate or (\$2ethylhexyl adj acrylate)) and (ethylacrylate or (ethyl adj acrylate)) and (methylacrylate or (methyl adj acrylate)) and styrene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 15:43 |

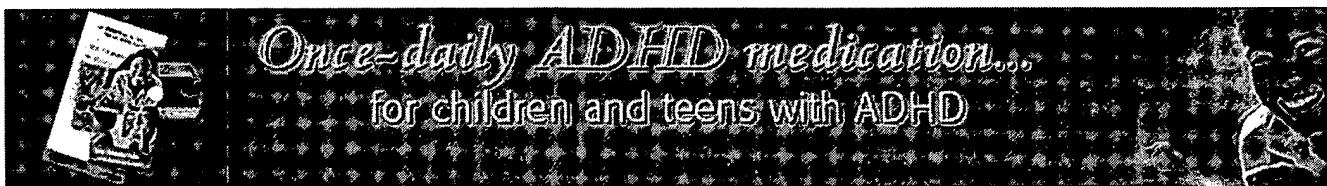
| | | | | | | |
|-----|-------|--|---|----|----|------------------|
| S21 | 19255 | S15 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 15:44 |
| S22 | 93 | S16 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/15 12:52 |
| S23 | 2 | "6,423,805".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/14 16:09 |
| S24 | 8 | ("3345203" "3937680" "4062831" "4145511" "5326644" "5773541" "5905114").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 18:08 |
| S25 | 3465 | (2-ethylhexyl adj acrylate) with (ethyl adj acrylate) with (methyl adj acrylate) with styrene | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 18:13 |
| S26 | 0 | (2-ethylhexyl adj acrylate) with (ethyl adj acrylate) with (methyl adj acrylate) with styrene with (methacrylic adj acid) with (ethyl adj imidazolidone) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 18:13 |
| S27 | 0 | (2-ethylhexyl adj acrylate) with (ethyl adj acrylate) with (methyl adj acrylate) with styrene with (ethyl adj imidazolidone) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 18:12 |
| S28 | 0 | (2-ethylhexyl adj acrylate) with (ethyl adj acrylate) with (methyl adj acrylate) with styrene with (methacrylic adj acid) and (ethyl adj imidazolidone) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 18:13 |
| S29 | 0 | (2-ethylhexyl adj acrylate) with (ethyl adj acrylate) with (methyl adj acrylate) with styrene and (methacrylic adj acid) and (ethyl adj imidazolidone) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 18:13 |
| S30 | 7 | S16 and S25 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 18:14 |
| S31 | 5 | "0952199" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/15 12:53 |

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|-----|-------|--|---|----|----|------------------|
| S32 | 10435 | "19991000".FRPD. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/15 13:09 |
| S33 | 2 | "6,254,985".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/15 17:41 |
| S34 | 4 | ("3280217" "4204023" "5405693").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/15 13:36 |
| S35 | 1 | "6,242,541".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/15 13:40 |
| S36 | 0 | 2001/003765.pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/15 13:41 |
| S37 | 0 | "2001003765".UREF. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/15 13:41 |
| S38 | 46 | Mallya.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/15 13:42 |

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Thesaurus

optional

One entry found for **optional**.

Main Entry: **option·al** ▶

Pronunciation: 'äp-shn&l, -sh&-n&l

Function: *adjective*

: involving an option : not compulsory

- **option·al·i·ty** ▶ /"äp-sh-&-'na-l&-tE/ *noun*

- **option·al·ly** *adverb*

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essential

One entry found for **essential**.

Main Entry: **1es·sen·tial** ⓘ

Pronunciation: i-'sen(t)-sh&l

Function: *adjective*

1 : of, relating to, or constituting essence : **INHERENT**
2 : of the utmost importance : **BASIC**, **INDISPENSABLE**, **NECESSARY** <*essential foods*> <an *essential* requirement for admission to college>

3 : **IDIOPATHIC** <*essential disease*> <*essential hypertension*>
- **es·sen·tial·ly** ⓘ /- 'sench-1E, - 'sen-ch&/- *adverb*
- **es·sen·tial·ness** ⓘ /- 'sen-ch&l-n&s/ *noun*
synonyms **ESSENTIAL**, **FUNDAMENTAL**, **VITAL**, **CARDINAL** mean so important as to be indispensable. **ESSENTIAL** implies belonging to the very nature of a thing and therefore being incapable of removal without destroying the thing itself or its character <conflict is *essential* in drama>. **FUNDAMENTAL** applies to something that is a foundation without which an entire system or complex whole would collapse <*fundamental principles of algebra*>. **VITAL** suggests something that is necessary to a thing's continued existence or operation <cut off from *vital supplies*>. **CARDINAL** suggests something on which an outcome turns or depends <a *cardinal* rule in buying a home>.

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